

ABSTRACT OF DISCLOSURE

An electric-component mounting system, including a board supporting device, a movable member, a main moving device which moves the movable member, a rotatable body attached to the movable member, a rotatable-body rotating device which rotates the rotatable body, suction nozzles supported by the rotatable body along a circle whose center is located on an axis line of the rotatable body, such that each suction nozzle is not rotatable relative to the body and is movable relative to the body in a direction parallel to the axis line, an engaging member rotatable relative to the rotatable body about the axis line, movable relative to the body in the direction parallel to the axis line, and including a nozzle-engaging portion engageable with one suction nozzle, an engaging-member rotating device which rotates the engaging member to two rotation phases of the rotatable body at each of which the nozzle-engaging portion is engageable with one suction nozzle, an engaging-member moving device which moves the engaging member in the direction parallel to the axis line, so that the nozzle-engaging portion engages one suction nozzle and moves one suction nozzle toward the board supporting device, and a control device which controls the main moving device, the rotatable-body rotating device, the engaging-member rotating device, and the engaging-member moving device.